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MULTI-WHEEL-DRIVING VEHICLE

ABSTRACT OF THE DISCLOSURE

A multi-wheel-driving vehicle including at least three parallel axles each of which is provided on both ends thereof with respective drive wheels and including power dividing means for permitting the rotary speed among the axles, is improved in its effect of braking so that the braking force of fewer brakes is effectively transmitted to all drive wheels of a vehicle according to a simple braking operation by a driver. The power dividing means, for example, a differential gear unit, includes an input member and a pair of output members, like differential side gears, each of which interlocks with at least one of the axles so as to differentially share a driving force received by the input member between the pair of output members. The multi-wheel-driving vehicle comprises a brake provided on one of the at least three axles, and locking means for locking the input member and the pair of output members together, so that when a driver operates a brake-operating tool for braking, the locking means is automatically operated to lock the input member and the pair of output members together.